

The following claims listing is intended to replace all prior claims listings in the referenced application.

WHAT IS CLAIMED IS:

1. (Currently Amended) A motor ~~Motor~~ vehicle alternator ~~of the type~~ comprising:

- a casing carrying a stator, the electrical potential of which is connected to ~~[[the]]~~ a vehicle earth;

- a rotor whose central shaft is mounted for rotation in the stator, a rear axial end of the rotor shaft which extends axially outside the stator, carrying a pulley for rotationally driving the shaft driven in rotation by a flexible driving element, ~~in particular a belt or a chain; and,~~

~~—and means aimed at eliminating the electrostatic charges on the alternator;~~

~~wherein that the said means provide a contactless electrical connection on a controlled external path between on the one hand the casing and on the other hand the pulley and/or the flexible driving element~~ for eliminating electrostatic charges on the alternator, said contactless electrical connection including at least one concentration peak for the electrical charges which is formed on an external face of the casing, and which extends in relief in the direction of a facing portion of the pulley.

2. (Cancelled)

3. (Currently Amended) Alternator according to claim 1, wherein ~~that the said means~~ comprise said contactless path further comprises a series of concentration peaks for the electrical charges.

4. (Currently Amended) Alternator according to claim ~~[[1]]~~ 3, wherein ~~that the peaks~~ in the said series are adjacent in order to constitute a collar projecting ~~radially and/or~~ axially, comprising a peripheral end edge free from any sharp profile.

5. (Currently Amended) Alternator according to claim ~~[[2]]~~ 1, wherein ~~that~~ said at least one peak is produced in one piece with the corresponding part of the casing.
6. (Currently Amended) Alternator according to claim ~~[[2]]~~ 1, wherein ~~that~~ said at least one peak extends axially from an external transverse lateral face portion of the casing.
7. (Currently Amended) Alternator according to claim ~~[[2]]~~ 1, wherein ~~that~~ said at least one peak extends radially from an external transverse lateral face portion of the casing.
8. (Cancelled)
9. (Currently Amended) Alternator according to claim 1, wherein ~~that~~ said at least one peak extends opposite a facing portion of the a transverse lateral face of the flexible drive elements element.
10. (Currently Amended) Alternator according to claim 1, wherein ~~that~~ said at least one peak extends opposite a facing portion of a transverse lateral face of the pulley.
11. (Cancelled)